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A

UTILITY PATENT APPLICATION TRANSMITTAL  
(only for new and continuation-in-part  
nonprovisional applications under 37 CFR  
1.53(b))

Docket No.:  
P-RD 4806

BOX SEC

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Washington, D.C. 20231



23601

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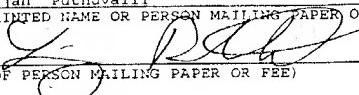
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This is a request for filing a  
 new utility patent application under 37 CFR 1.53(b)(1).

continuation-in-part under CFR 1.53(b)(2) of prior  
application serial no. \_\_\_\_\_, filed \_\_\_\_\_  
(list entire parentage).

Title: USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES IN LIGATING  
NUCLEIC ACIDS

Inventor(s) (full name of each inventor): Alex B. Burgin, Jr.  
Lance J. Stewart

Enclosed are:

- Return receipt postcard  
 Patent Application Bibliographic Data Sheet  
 1 Page application cover sheet  
 86 Pages of specification (includes claims and abstract)  
 9 Sheets of drawing(s)  
 Pages or an executed Declaration for Patent Application  
 An executed Power of Attorney for Patent Application by  
Assignee  
 Paper copy of sequence listing, pages 1 through 15  
 Sequence listing in computer readable form  
 Statement Under 37 CFR 1.821(f)  
 An executed assignment and cover sheet  
 An executed Statement Under 37 CFR 3.73(b)  
 An executed small entity statement  
 Request for Nonpublication and Certification  
 Also enclosed:

This application is based on prior foreign application(s)  
No. (s) \_\_\_\_\_, filed in \_\_\_\_\_ on \_\_\_\_\_  
\_\_\_\_\_, respectively, and priority is hereby claimed  
therefrom.

This application is based on, and claims the benefit of,  
U.S. Provisional Application No. 60/290,313, filed May 10,  
2001, and entitled USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES  
IN LIGATING NUCLEIC ACIDS, and which is incorporated herein  
by reference.

Inventor(s): Burgin and Stewart  
Docket No.: P-RD 4806  
Page 2

The filing fee has been calculated as shown below:

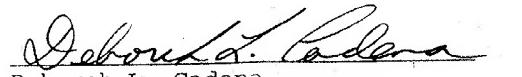
	Number Filed	Number Extra	Rate		Fee	
			Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	56 - 20	= 36	x \$9	\$18	= \$	\$
Independent Claims	10 - 3	= 7	x \$40	\$80	= \$	\$
Multiple Dependent Claims Presented: <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>			\$135	\$270	\$	\$
BASIC FEE					\$355	\$710
TOTAL FEE					\$	\$

- A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.
- The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.

Address all future communications to:

Cathryn Campbell  
CAMPBELL & FLORES LLP  
4370 La Jolla Village Drive, 7<sup>th</sup> Floor  
San Diego, California 92122  
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Respectfully submitted,

  
Deborah L. Cadena  
Registration No. 44,048  
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San Diego, California 92122

Date: June 15, 2001

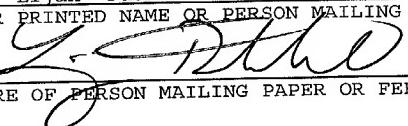
PATENT  
Our Docket: P-RD 4806

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
Burgin and Stewart )  
Serial No.: Unknown )  
Filed: Herewith )  
For: USE OF PHOSPHOROTHIOLATE )  
POLYNUCLEOTIDES IN )  
LIGATING NUCLEIC ACIDS )

)  
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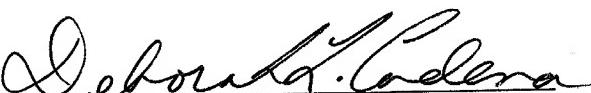
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Sir:

STATEMENT UNDER 37 C.F.R. § 1.821(f)

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR § 1.821(c) and (e), respectively, are the same.

Respectfully submitted,



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June 15, 2001  
Date  
  
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Lijan Puthuvalil

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